

Please replace the paragraph beginning at page 5, line 17, with the following rewritten

paragraph:

*Sub D 2*  
*AB*  
Partitioned slits 51 and 52 formed in front of the heat transfer coil 4 and slits 55 and 56 formed behind said heat transfer coil are arranged so there is a mutually different length among adjoining partitioned slits in the vertical direction, as well as a mutually different length between directly opposite partitioned slits in the horizontal direction. As a result, the position at which the slits are partitioned is staggered. However, slits 53 and 54 formed side by side between heat transfer coil 4 and heat transfer coil 4 are of the same length. In Fig. 5, the partition positions 5, 6 are represented by dash lines. Namely, slits 51, 52 and slits 55, 56 are partitioned from one slit at positions 5, and 6 respectively.

### In the Claims

Please amend claims 1-5 as follows:

*Sub D 2*  
*AB*  
1. (Once Amended) A heat exchanger in which heat transfer coils penetrate through a row of multiple plate-shaped heat transfer fins set at a specified fin pitch and in which air is supplied orthogonally to said heat transfer coils, characterized by a configuration so as to satisfy the correlation expressed by the following numerical formula:

$$W_s \geq (1 - 0.1(6 - N)) \times W_F / (2N + 1)$$

where,  $W_s$  = width of each slit formed on said heat transfer fins,  $W_F$  = width of a heat transfer fin, and  $N$  = the number of slit arrays formed on said heat transfer fin / number of heat transfer fin units.

2. (Once Amended) A heat exchanger in which heat transfer coils penetrate through a row of multiple plate-shaped heat transfer fins set at a specified fin pitch, and slits are formed on each plate-shaped heat transfer fin, and in which air is supplied orthogonally to said heat transfer coils, characterized by a configuration in which a width of each slit formed orthogonal to the air flow on each heat transfer fin is set within a range of 0.17 - 0.29 times a diameter of the heat transfer coils, wherein two slits formed in front of the heat transfer coil and two slits formed behind said heat transfer coil are arranged so there is a mutually different length in a direction perpendicular to the air flow, and wherein a cut profile between the two slits in different lengths is parallel to the air flow.

A3  
3. (Once Amended) A heat exchanger in which heat transfer coils penetrate through a row of multiple plate-shaped heat transfer fins set at a specified fin pitch, and slits are formed on each plate-shaped heat transfer fin, and in which air is supplied orthogonally to said heat transfer coils, characterized by a configuration in which a spacing between slits formed on the heat transfer fins is set within a range of 0.18 - 0.5 times the diameter of the heat transfer coils, wherein two slits formed in front of the heat transfer coil and two slits formed behind said heat transfer coil are arranged so there is a mutually different length in a direction perpendicular to the air flow, and wherein a cut profile between the two slits in different lengths is parallel to the air flow.

4. (Once Amended) A heat exchanger in which heat transfer coils penetrate through a row of multiple plate-shaped heat transfer fins set at a specified fin pitch, and slits are formed on each plate-shaped heat transfer fin, and in which air is supplied orthogonally to said heat transfer coils, characterized by a configuration in which a width of each slit formed on each heat transfer fin is